



# Technical Data

Flow versus pressure for four gate settings for DamGates

Head/Ft	Pressure		Full Open		3/4 Open		1/2 Open		1/4 Open	
	PSI	KG/CM <sup>2</sup>	LTRS / Sec	GPM	LTRS / Sec	GPM	LTRS / Sec	GPM	LTRS / Sec	GPM
.25'	.58	.04	2.42	38.40	1.80	28.60	1.20	19	.54	8.6
.5'	1.16	.08	2.85	45.10	2.08	33	1.37	21.7	.61	9.7
.75'	1.73	.12	3.17	50.30	2.33	37	1.56	24.7	.69	11
1'	2.31	.16	3.52	55.80	2.73	43.30	1.70	26.9	.77	12.2
1.5'	3.47	.24	4.08	64.60	3.04	48.20	2.0	31.7	.88	14
2'	4.62	.32	4.61	73.00	3.38	53.60	2.25	35.6	1.00	15.8
2.5'	5.78	.41	4.82	76.40	3.63	57.60	2.42	38.3	1.09	17.2
3'	6.93	.49	5.21	82.60	3.94	62.50	2.61	41.4	1.17	18.6
4'	9.24	.65	6.00	95.00	4.77	75.60	2.99	47.4	1.32	21
5'	11.55	.81	6.43	101.90	5.19	82.20	3.15	50	1.48	23.4

## Area of Gate Opening

Setting	Area	
1/4 open	.57 sq. in	3.68 sq. cm
1/2 open	1.25 sq in.	8.06 sq. cm
3/4 open	1.90 sq. in	12.26 sq. cm
Full open	2.39 sq in.	15.42 sq. cm
Hole, No Gate	3.28 sq in.	21.16 sq. cm
Hole Size	1.25 x 2.625 in	3.175 x 6.668 cm